

**IN THE ABSTRACT**

After the last page of claims, insert on a new page the Abstract shown on the attached sheet (ATTACHMENT I).

ATTACHMENT I – Abstract

Metallurgical vessel for iron and steel making including a bottom portion, a sidewall and a lance arrangement of at least two lances for supplying oxygen containing gas to the interior of the vessel in operation. Each lance includes an end portion for emitting oxygen containing gas. The lance arrangement is configured so as to achieve in operation a substantially downwardly directed flow of post-combusted gases at the side wall of the vessel and a substantially upwardly directed flow of post-combusted gases in the center of the vessel.